

REMARKS

Applicants appreciate the detailed examination evidenced by the final Office Action mailed March 7, 2008 (hereinafter "final Office Action"). In response, Applicants have amended Claim 1 to include the recitations of Claim 15 and have cancelled Claim 15 from the present application. Applicants respectfully submit that the pending claims are in condition for allowance for at least the reasons discussed herein.

The Section 103 Rejections

Claims 1-3 and 5-12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over United States Patent No. 7,126,546 to Annamaa (hereinafter "Annamaa") in view of United States Patent No. 6,819,939 to Masamura. *See* final Office Action, page 2. Claim 4 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Annamaa in view of United States Patent No. 4,851,654 to Nitta. *See* final Office Action, page 4. Claim 15 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Annamaa in view of United States Patent No. 5,904,654 to Wohltmann (hereinafter "Wohltmann"). *See* final Office Action, page 5. As discussed above, Applicants have amended Claim 1 to include the recitations of Claim 15. Accordingly, the rejection of Claim 15 will be discussed with respect to amended Claim 1. Applicants respectfully submit that many of the recitations of the pending claims are neither disclosed nor suggested by Annamaa and/or Wohltmann. For example, amended Claim 1 recites:

A communication terminal comprising a speaker and a low profile built-in radio antenna element, wherein said antenna element comprises a flat sheet incorporating a conductive antenna trace, and wherein an exciter is connected to said sheet such that the exciter is in direct mechanical contact with the flat sheet and devised to induce vibrations therein for generating sound, said antenna trace having a substantially flat pattern of conductive material carried on said sheet, **wherein the exciter comprises a piezoelectric crystal configured to expand or contract responsive to electrical signals to induce the vibrations.**

Support for the amendment to Claim 1 is found at page 8, lines 9-11 of the specification of the present application and Claim 15. Applicants respectfully submit that at least the highlighted recitations of Claim 1 are neither disclosed nor suggested by the cited combination for at least the reasons discussed herein.

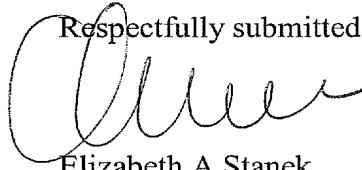
In particular, the final Office Action admits that Annamaa does not disclose an exciter comprising a piezoelectric crystal configured to expand or contract responsive to the electric signal to induce the vibrations as recited in amended Claim 1. *See* final Office Action, page 5. However, the final Office Action points to Wohltmann as providing the missing teachings. *See* final Office Action, page 5. Applicants respectfully submit that there is no clear evidence of a motivation or suggestion to combine Annamaa and Wohltmann as suggested in the final Office Action. In particular, Annamaa discusses an arrangement for integrating a radio phone structure as discussed in the title. Wohltmann, on the other hand, discusses an exciter-detector unit for measuring physiological parameters. Applicants respectfully submit that one of skill in the art would not combine the Annamaa radio phone application and the medical device patent of Wohltmann. Applicants respectfully submit that the suggested combination may only be obvious when Applicants' disclosure is used as a road map, which is clearly improper. Accordingly, Applicants respectfully submit that amended Claim 1 and the claims that depend therefrom are patentable over the cited combination for at least the reasons discussed herein.

Furthermore, the discussion in Wohltmann regarding using the exciter-unit as a loudspeaker (Wohltmann, column 4, lines 13-23) would not provide one of skill in the art enough information to combine Annamaa and Wohltmann to arrive at the claimed invention. Accordingly, Applicants respectfully submit that amended Claim 1 and the claims that depend therefrom are patentable over the cited combination for at least these additional reasons.

CONCLUSION

In light of the above discussion, Applicants submit that the present application is in condition for allowance, which action is respectfully requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (919) 854-1400.

Respectfully submitted,

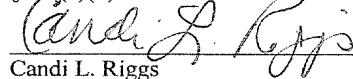


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CERTIFICATION OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4) to the U.S. Patent and Trademark Office on June 4, 2008.



Candi L. Riggs